

Project Fact Sheet

Four-Mile Hill Exploration Well 88-28A

GOAL

- To confirm a commercial steam resource by drilling and testing the first exploration well in the Four-mile Hill area of the Glass Mountain Known Geothermal Resource Area (KGRA).



PROJECT DESCRIPTION

This project determines the viability of commercially developing a geothermal steam resource in the Glass Mountain KGRA. The project concentrates on the drilling of an exploration well.

Initial temperature measurements indicated a 443 degrees F resource at a 3050 feet depth. The initial well was deepened during the summer of 2000 and the resource continued to look promising. This current project will drill a new exploration well, designated 88-28A, to demonstrate sufficient permeability and resource extent to justify development. The three main tasks of the project consist of obtaining the necessary permits, drilling and completing the well, and testing the well.

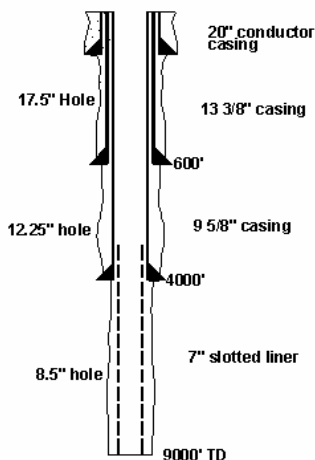


Figure 1. Modified 88A-28 Schematic Drilling Plan.

BENEFITS TO CALIFORNIA

California will benefit from having additional developed geothermal resources. The participation of the Commission in projects like these allows the developers to offset some of the high costs and risks involved in geothermal exploration. This encourages the continuing presence and growth of renewable energy generation from geothermal resources in California.

FUNDING AMOUNT

Commission	\$1,108,000
Match	\$1,456,640
Total	\$2,564,640

PROJECT STATUS

Ongoing.

FOR MORE INFORMATION

Gail Wiggett
California Energy Commission
1516 Ninth Street, MS-43
Sacramento, CA 95814-5504
(916) 653-7551
gwiggett@energy.state.ca.us

W. Tom Box, Jr. or Mitch Stark
Calpine Siskiyou Geothermal Partners Ltd.
10350 Socrates Mine Road
Middletown, CA 95461
(707) 431-6101